

Patent Application Serial No. 10/656,417
Inventor: Vamberi

Page 2

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A housing for a light fixture comprising:
 - a body having a sidewall, the sidewall having exterior and interior surfaces and a plurality of fin-engaging elements, the interior surface defining an interior space;
 - power-related components secured with respect to the housing within the interior space; and
 - at least one fin removably engaged with at least one of the fin-engaging elements and extending outward from the exterior surface.
2. (Original) The housing of claim 1 further comprising a plurality of fins.
3. (Original) The housing of claim 2 wherein the plurality of fins is equivalent to the plurality of fin-engaging elements.
4. (Original) The housing of claim 2 wherein the plurality of fins is less than the plurality of fin-engaging elements, whereby the fins are selectively placed around the sidewall.
5. (Original) The housing of claim 2 wherein at least one fin differs from another fin in shape, color, or material.
6. (Original) The housing of claim 2 wherein at least one fin has a surface displaying indicia.

Patent Application Serial No. 10/656,417
Inventor: Vamberi

Page 3

7. (Original) The housing of claim 2 wherein the fin-engaging elements are slots formed in the sidewall.

8. (Original) The housing of claim 7 wherein the sidewall is radially symmetrical about a central axis.

9. (Original) The housing of claim 8 wherein the sidewall is substantially cylindrical.

10. (Currently Amended) The housing of claim 9 [[8]] wherein the slots are placed equidistantly around the circumference of the sidewall.

11. (Currently Amended) The housing of claim 7 wherein:

- the sidewall has an interior surface;
- each slot is formed to slideably receive and engage each fin; and
- each fin has at least one stop extending from a rear edge, each stop engaging the interior surface and holding the fin in place when the fin is inserted into at least one of the slots.

12. (Original) The housing of claim 11 wherein each slot has a catch attached to the interior surface, each catch being sized to receive and hold the stop.

13. (Original) The housing of claim 12 wherein:

- each slot runs substantially the length of the sidewall;
- the stop is a pair of flanges; and
- the catch is a channel that runs the length of the slot, whereby the channel slidably receives and engages the flanges.

Patent Application Serial No. 10/656,417
Inventor: Vamberi

Page 4

14. (Original) The housing of claim 13 wherein:

- each channel has two ends; and
- a set screw is inserted in at least one of the ends between the channel and at least one of the flanges engaged by the channel, whereby each fin is secured firmly in position in the channel by the set screw.

15. (Currently Amended) The housing of claim 14 wherein:

- the body has a body top-edge and a body bottom-edge;
- a top cap is fastened to the body top-edge;
- a bottom cap is fastened to the body bottom-edge; and
- the sidewall, top cap, and bottom cap define a substantially enclosed[[d]] the interior space; and
- ~~- power-related components are secured with respect to the housing within the enclosed space.~~

16. (Original) The housing of claim 13 further comprising:

- at least one strip, the strip including a series of LED elements;
- at least one fin is made from translucent material; and
- the strip is secured between the at least one fin and at least one channel, whereby light from the strip is received by the fin.

17. (Currently Amended) The housing of claim 2 wherein ~~the sidewall has an exterior surface and the fin-engaging elements are grooves extending along the exterior~~ outer surface.

18. (Original) The housing of claim 17 wherein the sidewall is substantially cylindrical.

Patent Application Serial No. 10/656,417
Inventor: Vamberi

Page 5

19. (Original) The housing of claim 17 wherein:

- each groove is formed to slideably receive and engage each fin;
- the body has a body top-edge and a body bottom-edge;
- each fin has a first tab and a second tab extending from opposite ends of a rear edge;
- a cap-rim is fastened to the body top-edge, the cap-rim being sized to receive and capture each of the first tabs; and
- a collar-rim is fastened to the body bottom-edge, the collar-rim being sized to receive and capture each of the second tabs,

whereby each fin is held in place by the cap-rim and the collar-rim.

20. (Original) The housing of claim 19 wherein the cap-rim has a plurality of cap-apertures and the collar-rim has a plurality of collar-apertures, each cap-aperture being in registry with one of the grooves and one of the collar-apertures and each cap-aperture and each collar-aperture being formed to receive and engage one of the tabs.

21. (Original) The housing of claim 17 wherein each of the grooves is coplanar with a central axis of the body.

22. (Original) The housing of claim 1 wherein the body is formed by an extrusion process.

Patent Application Serial No. 10/656,417
Inventor: Vamberi

Page 6

23. (Currently Amended) A method for fabricating a light fixture with selective and exchangeable fins comprising:

- providing a body having a sidewall, the sidewall having exterior and interior surfaces and a plurality of fin-engaging elements, the interior surface defining an interior space having power-related components secured with respect to the fixture therein; and
- removably engaging at least one fin with at least one of the fin-engaging elements, the fin extending outward from the exterior surface.

24. (Original) The method of claim 23 further comprising the step of choosing the at least one fin from a group of fins of differing character.

25. (Original) The method of claim 23 wherein there is a plurality of fins less than the plurality of fin-engaging elements, whereby selected placement of the fins around the sidewall is possible.

26. (New) A housing for a light fixture comprising:

- a body having a sidewall, the sidewall having an interior surface and a plurality of slots formed in the sidewall, each slot running substantially the length of the sidewall and having a channel attached to the interior surface that runs the length of the slot;
- a plurality of fins, each fin having a pair of flanges extending from a rear edge and being removably engaged with at least one of the slots, each slot being formed to slidably receive and engage each fin, the flanges engaging the interior surface and being slidably received and engaged by the channel to hold the fin in place, and
- at least one strip, the strip including a series of LED elements and being secured between at least one fin made from translucent material and at least one channel such that light from the strip is received by the fin.

Patent Application Serial No. 10/656,417
Inventor: Vamberi

Page 7

27. (New) A housing for a light fixture comprising:

- a body having a top-edge, a bottom-edge and a sidewall, the sidewall having a plurality of fin-engaging elements;
- at least one fin removably engaged with at least one of the fin-engaging elements;
- a top cap fastened to the top-edge and a bottom cap fastened to the bottom-edge, the top cap, bottom cap and sidewall defining a substantially enclosed space; and
- power-related components secured with respect to the housing within the enclosed space.

28. (New) The housing of claim 27 wherein the sidewall has an interior surface and the fin-engaging elements are slots formed in the sidewall, each slot running substantially the length of the sidewall and having a channel attached to the interior surface that runs the length of the slot, and the housing further includes a plurality of fins, each fin having a pair of flanges extending from a rear edge, each slot being formed to slidably receive and engage each fin, the flanges engaging the interior surface and being slidably received and engaged by the channel.

29. (New) The housing of claim 27 wherein the sidewall has an exterior surface and the fin-engaging elements are grooves extending along the exterior surface, and the housing further includes: a plurality of fins, each fin having a first tab and a second tab extending from opposite ends of a rear edge and each groove being formed to slidably receive and engage each fin; a cap-rim fastened to the top-edge and sized to receive and capture each of the first tabs; and a collar-rim fastened to the bottom-edge and sized to receive and capture each of the second tabs such that each fin is held in place by the cap-rim and collar-rim.

30. (New) The housing of claim 29 wherein the cap-rim has a plurality of cap-apertures and the collar-rim has a plurality of collar-apertures, each cap-aperture being in registry with one of the grooves and one of the collar-apertures and each cap-aperture and each collar-aperture being formed to receive and engage one of the tabs.